

## Multi-stage off-gas treatment system for chemical industry

More than 10 years ago, sonUtec delivered an off-gas treatment plant for removal of chlorinated solvents to a customer at the chemical site Leuna. With increased production, this plant has now reached its performance limit.

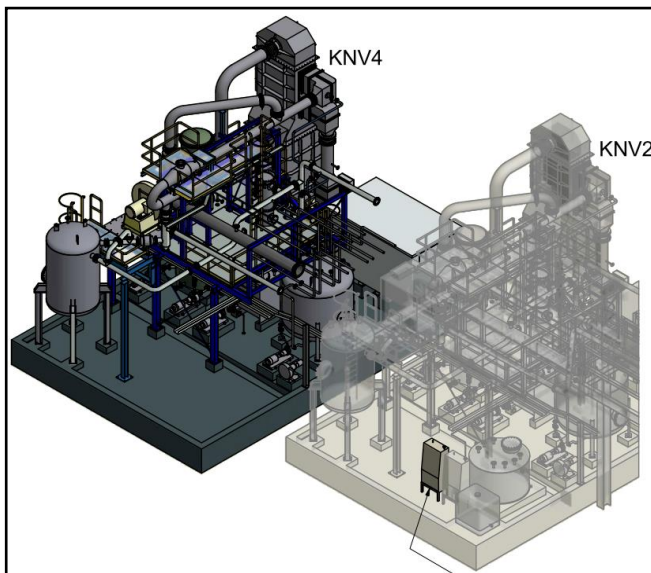
sonUtec received the order for the construction of a second multi-stage treatment system with higher exhaust air throughput.

Essentially, the plant consists of separating vessels, several scrubbers, a quench, a catalytic afterburning system with heat recovery, piping, electrics, and control. The plant is operated from the control room.

The customer continues to use the old plant in times of revisions or other interruptions to avoid production losses.

### Key data:

Volume flow	raw gas inlet:	up to 600 Nm <sup>3</sup> /h
	clean gas outlet:	up to 5,500 Nm <sup>3</sup> /h
Concentrations		up to 50 kg/h solvent
Temperatures		up to 550 °C in the catalyst
Clean gas		< 2 ppm total C



Pumps for scrubber system

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